

155 U.S. PTO  
09/26/03

FORM PTO-1082  
EXPRESS MAIL NO. EU872937867US

PATENT DOCKET NO. 2080-3-183  
CUSTOMER NO. 035884

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of:  
Hee Il Wang  
Serial No:  
Filed: Herewith  
For: METHOD FOR COMPENSATING ROTATIONAL  
POSITION ERROR OF ROBOT CLEANER

Art Unit:

Examiner:

22278 U.S. PTO  
10/672450  
09/26/03

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith for filing is the patent application identified above.

- ☒ 3 sheet(s) of drawings (☒ formal ☐ informal) is(are) enclosed.
- ☒ 21 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
- ☒ An assignment of the invention to LG Electronics Inc. ☒ is enclosed ☐ will follow.
- ☒ An associate power of attorney ☒ is enclosed ☐ will follow.
- ☐ Inventor(s) or Assignee(s) is entitled to small entity status under 37 C.F.R. §§ 1.9 & 1.27.
- ☒ Declaration and Power of Attorney ☒ is enclosed ☐ will follow.
- ☒ A certified copy of Korean Patent Application No. 10-2002-88350 filed on December 31, 2002, from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119 ☐ will follow ☒ is enclosed.
- ☐ IDS enclosed (☐ with references).
- ☐ Preliminary Amendment is enclosed.

CALCULATION OF FEES								
ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE
A	TOTAL CLAIMS FEE	21	-20	1	LG=\$18 SM=\$9	\$ 18	\$ 18	
B	INDEPENDENT CLAIMS FEE*	2	-3	0	LG=\$84 SM=\$42	\$ 84	\$ 0	
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)							\$ 18
D	MULTIPLE-DEPENDENT CLAIMS FEE					LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140		\$ 0
E	BASIC FEE					LARGE ENTITY FEE = \$750 SMALL ENTITY FEE = \$375		\$ 750
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)							\$ 768
G	ASSIGNMENT RECORDING FEE						\$ 40	\$ 40
	*LIST INDEPENDENT CLAIMS [LIST OF INDEPENDENT CLAIMS]							

- ☒ A check in the amount of \$ 768 to cover the filing fee is enclosed.
- ☒ A check in the amount of \$ 40 to cover Assignment Recordation fee is enclosed.

☒ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 502290. A copy of this sheet is enclosed.

☒ Any additional filing fees required under 37 C.F.R. § 1.16

☒ Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,  
LEE & HONG

Date: September 26, 2003

By: \_\_\_\_\_



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CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL  
"Express Mail" Mailing Label No. EU872937867US  
Date of Deposit: September 26, 2003

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P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ one copy of a letter of transmittal
- ☒ check in amount of \$ 768 as filing fee
- ☒ patent application ( 21 page(s) of specification; 21 claim(s); 1 page(s) of abstract
- ☒ 3 sheet(s) of formal drawings
- ☒ An assignment of the invention to LG Electronics Inc. ☒ is enclosed ☐ will follow
- ☒ A check in the amount of \$ 40 to cover Assignment Recordation fee is enclosed.
- ☒ executed Declaration and Power of Attorney ☒ is enclosed ☐ will follow
- ☒ An associate power of attorney ☒ is enclosed ☐ will follow.
- ☒ A certified copy of Korean Patent Application No. 10-2002-88350 filed on December 31, 2002, from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119 ☐ will follow ☒ is enclosed
- ☐ IDS transmittal
- ☐ PTO-1449 form
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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Commissioner for Patents  
P.O. Box 1450  
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Date: September 26, 2003

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Name of person mailing papers



Signature